

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
<b>Yan Liu et al.</b>	)	Examiner: Ingberg, Todd D.
	)	
Application No.: 10/804,405	)	Art Unit: 2198
	)	
Filed: March 18, 2004	)	Confirmation No.: 7372
	)	
For: OPTIMIZED ORDERING OF	)	
FIRMWARE MODULES	)	
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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO EXAMINER'S INTERVIEW SUMMARY**  
**AND NOTICE OF ALLOWANCE**

Sir/Madam:

In response to the Examiner's Interview Summary and Notice of Allowance mailed June 27, 2008, the Examiner is respectfully solicited to consider the following remarks.

## REMARKS

The Examiner is thanked for an indication that the pending claims are allowable. The Examiner is also thanked for the Examiner's telephone communication of May 13, 2008 in which potential sections 101 and 112 issues were discussed. Agreement with respect to the claims was reached with respect to current Office practices. Applicants agree to the amendments given in the Examiner's Amendment and submit the changes overcome potential sections 101 and 112 rejections, as discussed in the telephonic communication.

Applicants point out that the Examiner's Amendment potentially introduces errors into claim 11 on page 3 of the Examiner's Amendment. Claim 11, line 6 "PEI modules (P E N)" should be "PEI modules (PEI)" and line 8 "PEJ, foundation" should be "PEI foundation." Because strikeouts and underlines were not used, the modifications appear to be not intentional, and instead, merely OCR transcription errors.

## COMMENTS ON ALLOWABILITY OF CLAIMS

The applicants agree with the Examiner that the claims are allowable at least because the cited art does not teach (or fairly suggest), for example, a method, comprising:

- identifying in a pre-boot environment a plurality of module-to-module interfaces from a plurality of firmware modules, wherein a module-to-module interface allows a first firmware module of the plurality of firmware modules to invoke a second firmware module of the plurality of firmware modules;

- identifying in the pre-boot environment a plurality of dependency expressions corresponding to the plurality of firmware modules, wherein each dependency expression of a firmware module describes the module-to-module interfaces needed for execution of the firmware module;

- evaluating in the pre-boot environment the dependency expressions to determine an optimized pre-boot dispatch order of the firmware modules;

- dispatching in the pre-boot environment the firmware modules in response to the determined pre-boot dispatch order; and

providing pre-boot services to the dispatched firmware modules wherein the pre-boot services comprise temporary management of random access memory in the pre-boot environment.

### **CONCLUSION**

In view of the foregoing proposed amendments and remarks, it is believed that all claims remaining in the application are in condition for allowance. Accordingly, favorable consideration is earnestly solicited. The Examiner is invited to telephone the undersigned representative at (206) 292-8600 if the Examiner believes that an interview might be useful for any reason.

### CHARGE DEPOSIT ACCOUNT

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Respectfully submitted,

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

Date: July 28, 2008

/Mark Hennings/

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### CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being submitted electronically via EFS-Web to The United States Patent and Trademark Office on the date shown below.

/Elizabeth J. Martinez/

July 28, 2008

Elizabeth J. Martinez

*Date*